PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

10/642,910 Application Number August 18, 2003 Filing Date First Named Inventor David A. Cathey 2612 3712 Group Art Unit Unknown Benjamin C. Lee Examiner Name

(use as many sheets as necessary)

4250.1US (97-0357.01/US) Sheet Attorney Docket Number

redundan

			U.S. PATENT D	OCUMENTS	
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BL		US-4,048,564	09/1977	Gleeson, Jr.	
BL		US- 5,420,596	05/1995	Burrell et al.	
	1	US- 5,777,581	07/1998	Lilly et al.	
BL		US- 5,864,319	01/1999	Paulus	
BL		US- 5,943,016	08/1999	Snyder et al.	
BL		US- 6,061,025	05/2000	Jackson et al.	
BL		US- 6,310,579	10/2001	Meredith	
BL		US- 6,437,577	08/2002	Fritzmann et al.	
	T	US-			
		US-			

Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶
	ļ		-			
			 			

Examiner Signature	/Benjamin Lee/	Date Considered	05/02/2006

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

(2-32

Form PTO-1449			Docket Number (Optional) 4250.1US (97-0357.01/US)		Application Number Not Y t Assigned			
			Applicant David A. Cathey					
		Filing Date August 1	Filing Date August 18, 2003					
	U.S. PATE	NT DOCUMENTS						
DOCUMENT NUMBER	OATE	NAME	CLASS	SUBCLASS				
3,810,147	05/1974	Lichtblau						
4,021,705	05/1977	Lichtblau						
4,486,723	12/1984	Lysobey						
4,498,076	02/1985	Lichtblau		<u> </u>				
4,560,445	12/1985	Hoover et al.						
4,780,724	10/1988	Sharma et al.						
5,299,264	03/1994	Schotz et al.		L				
5,337,063	08/1994	Takahira						
5,350,710	09/1994	Hong et al.						
5,384,284	01/1995	Doan et al.						
5,448,110	09/1995	Tuttle et al.						
5,491,715	02/1996	Flaxi						
	03/1996	Tuttle						
	11/1996	Tuttle						
		ATENT DOCUMENT	TS					
			01.400	CHINCH ACC	Trar	slation		
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
				<u> </u>				
				<u> </u>		ļl		
				<u> </u>				
	OTHER	R DOCUMENTS	(Includit	ng Author, Title, Da	ate, Pertinent	Pages, Etc.)		
+								
+								
1 1								
		DATE CONSIDE	RED					
	COCUMENT NUMBER 3,810,147 4,021,705 4,486,723 4,498,076 4,560,445 4,780,724 5,299,264 5,337,063 5,350,710 5,384,284	ATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) U.S. PATE DOCUMENT NUMBER DATE 3,810,147 4,021,705 05/1977 4,486,723 12/1984 4,498,076 02/1985 4,560,445 12/1985 4,780,724 10/1988 5,299,264 03/1994 5,337,063 08/1994 5,337,063 08/1994 5,348,110 09/1995 5,448,110 09/1995 5,491,715 02/1996 5,497,140 03/1996 FOREIGN PA	ATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) U.S. PATENT DOCUMENTS COCUMENT NUMBER OATE 3,810,147 4,021,705 05/1974 4,486,723 12/1984 4,498,076 02/1985 12/1985 4,498,076 02/1985 4,780,724 10/1988 Sharma et al. 5,299,264 03/1994 5,337,063 08/1994 Takahira 5,350,710 09/1994 Hong et al. 5,3448,110 09/1995 Tuttle et al. 5,497,140 03/1996 Tuttle FOREIGN PATENT DOCUMENT	ATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) TU.S. PATENT DOCUMENTS DATE NAME CLASS 3,810,147 05/1974 Lichtblau 4,021,705 05/1977 Lichtblau 4,486,723 12/1984 Lysobey 4,498,076 02/1985 Lichtblau 4,560,445 12/1985 Hoover et al. 4,780,724 10/1988 Sharma et al. 5,299,264 03/1994 Schotz et al. 5,337,063 08/1994 Takahira 5,350,710 09/1995 Tuttle et al. 5,491,715 02/1996 Flaxi 5,497,140 03/1996 Tuttle FOREIGN PATENT DOCUMENTS COUNTRY CLASS Applicant David A. Cathey Filing Date August 18, 2003 Applicant David A. Cathey Filing Date August 18, 2003 Applicant David A. Cathey Filing Date August 18, 2003 Lichtblau Lysobey Lysobey Lichtblau Lysobey Lichtblau Lysobey Lichtblau Lysobey Lichtblau Lysobey Lichtblau Lysobey Lichtblau Lysobey	ATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) Colument number Date Date August 18, 2003 Group Art Use Group Art U	ATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) Applicant David A. Cathey Carp Art Unit Unkn		

Filed 8/18/03 Sheet 2 of 2

orm PTO-14			Docket Number (Opt 4250.1US (97-03	Docket Number (Optional) 4250.1US (97-0357.01/US) 10 / 642, 910 Application Number Not Yet Assigned			
INFORM	ATION DISCLE IN AN APPLE	OSURE CITATION	Applicant David A	Applicant David A. Cathey			
	(Use several sheets		Filing Date August 1	18, 2003	2612 Group Art Unit Unknown		
		U.S. PATEN	T DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DA	TE PRIATE
BL	5,608,380	03/1997	Hogen Esch				
1	5,751,629	05/1998	Nova et al.				
	5,777,581	07/1998	Lilly et al.				
	5,784,687	07/1998	Itoh et al.				
	5,822,714	10/1998	Cato				
	5,861,809	01/1999	Eckstein et al.				
	5,963,144	10/1999	Kruest		ļ		
	5,970,398	10/1999	Tuttle		ļ		
	5,983,363	11/1999	Tuttle et al.				
	6,005,519	12/1999	Burns				
	6,025,129	02/2000	Nova et al.				
$\overline{}$	6,028,564	02/2000	Duan et al.				
BL	6.104.311	08/2000	Lastinger				
			TENT DOCUMEN	TS			
		DATE	COUNTRY	CLASS	SUBCLASS	Tran	slation
	DOCUMENTNUMBER	DATE		05.00	-	YES	NO
						ļ	<u> </u>
					<u> </u>		
					<u> </u>		<u> </u>
		OTHER	DOCUMENTS	(Includin	g Author, Title, Da	ite, Perlinent	Pages, Etc.
				, 			
	+						
						_	
			DATE CONSIDE	RED			